

Receipt date: 05/21/2009

10591988 - GAU: 3635

PTO/SB/08a (12-08)

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STATEMENT BY APPLICANT**

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of

Application Number 10/591,988

Filing Date 06/19/2008

First Named Inventor Akio KATSUKI

Art Unit

Examiner Name

Attorney Docket Number KF-1005

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/MS/		US- 4396075	08-02-1983	WOOD, Edward T, et al.	
/MS/		US- 2687282	08-24-1954	SANDERS, Eric L	
/MS/		US- 5584350	12-17-1996	SCHITKER, Mark W, et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/MS/		GB-2373520	09-25-2002	HALLIBURTON ENERGY SERVICE		✓
/MS/		WO-2004-007899	01-22-2004	CDX GAS, LLC		✓
/MS/		WO-2004-015203	02-19-2004	AAGERUP, CARSTEN		✓
/MS/		FR-2700311	07-13-1994	TOCCI CHRISTIAN		

Examiner
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/Matthew Smith/

Date
Considered

04/26/2011

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Receipt date: 05/21/2009

10591988 - GAU: 3635

PTO/SB/08B (07-05)

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Application Number	10/591,988
Filing Date	06/19/2008
First Named Inventor	Akio KATSUKI
Art Unit	3635
Examiner Name	M. Smith
Attorney Docket Number	KF-1005

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MS/		EUROPEAN SEARCH REPORT, 31/MAR/2009.	✓

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